

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claim 15, 43-46 is rejected under 35 U.S.C. 102(e) as being anticipated by Kanazawa (U.S. Patent No. 6,144,348).

As per claims 15, 43 Kanazawa shows a plasma display panel having a first electrode configured to increase the amount of priming particle in a discharge cell to reduce discharge lag in response to an electrical pulse applied to the first electrode wherein priming particles comprise at least one of free electron, ions and quasi stable atom (In Abstract and in col.5 lines 20-35 and col.6 lines 45-60, in col.9 lines 1-27, col.9 lines 45-55).

As per claim 44, Kanazawa shows means of forming priming particles receive a pulse separate from an address pulse and can pulse 9in col.5 lines 18-35).

As per claims 45, 46 Kanazawa shows a pulse is of a voltage insufficient to cause discharge within the discharge cell and display panel is AC type panel(in col.9 lines 30-43).

Allowable Subject Matter

2. Claim 16-17 is objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

The prior art fails to teach or suggest the electrical pulse is approximately 1 microsecond as claimed in claim 16.

The prior art fails to teach or suggest the electrical pulse is less than 1 microsecond as claimed in claim 17.

Claims 18-42 are allowed.

The prior art fails to teach or suggest a plasma display panel having first electrode configured to increase the amount of priming particles in a discharge cell to reduce discharge lag in response to an electrical pulse applied to the first electrode; a second electrode and a third electrode and the second electrode and the third electrode in response to first voltage applied to the second electrode and a second voltage applied to the third electrode as claimed in claim 18.

The prior art fails to teach or suggest a method comprising priming particles in a discharge cell in response to an electrical pulse applied to a first electrode to reduce discharge lag, forming in the discharge cell, wall charge proximate to a second electrode and third electrode in response to a first voltage to the second electrode and second voltage applied to the third electrode as claimed in claim 32.

Conclusion

3. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Nitin Patel whose telephone number is 571-272-7677. The examiner can normally be reached on 8:00-5:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Razavi can be reached on 571-272-7664. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Nitin Patel/
Primary Examiner, Art Unit 2629

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